

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : T. Venkat Gopal ) Group Art Unit: 1636  
 Re. App. No. : 09/404,979 )  
 Re. App. Filed: September 22, 1999 )  
 For : PEPTIDE-MEDIATED )  
 GENE TRANSFER )  
 Assignee : Genetic Applications )  
 Patent No. : / 5,670,347  
 Issued : September 23, 1997  
 Examiner : T. McKelvey

## CERTIFICATE OF FAX TRANSMISSION

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November 30, 2000

(Date)

*[Signature]*  
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SUPPLEMENTAL AMENDMENT

Assistant Commissioner for Patents  
 Washington, D.C. 20231

Dear Sir:

Supplemental to *Amendment and Response to Office Action* filed September 5, 2000, please amend the above-identified application as follows.

IN THE CLAIMS

**Please amend Claims 12 and 13 and add Claims 15-21:**

1. (Pending) A transfection vector comprising a synthetic polypeptide linked electrostatically to a DNA structural sequence, forming a polypeptide-DNA complex, wherein said polypeptide is comprised of (A) a polymeric chain of basic amino acid residues, (B) a nuclear localization signal (NLS) peptide and (C) a hinge region of neutral amino acids that connects said polymeric chain and said NLS peptide.

2. (Pending) The vector of claim 1, wherein said polymeric chain is comprised of between 10 and 50 residues.

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 (no changes)